

Claims

1. A device for marking and concurrently collecting a sample from an individual comprising,

5 a spike (4); and

a female part of a tag (1), comprising

a tag part containing a through opening (1a),

a chamber (2) including a chamber-part (2a) and a ring-part (2b) arranged on opposite sides of a through opening (1a) of the female part of the tag (1),

10 wherein the chamber-part (2a) and the ring-part (2b) are formed both of a rigid material, and

wherein the spike (4) is at its front end designed to receive means (5) for collecting a sample and closing a container (6), and is designed such that its outer diameter increases from the front end to a maximum and regresses stepwise to an outer diameter essentially  
15 corresponding to an outer diameter of the ring-part (2a), to form a head (4a),

with the chamber (2) preventing the spike from being removed from the female part 1 of a tag once introduced.

2. The device according to claim 1, wherein the either or both of the chamber-parts (2a,  
20 2b) are formed of metal or plastics.

3. The device according to claim 2, wherein the plastics is polyamide.

4. The device according to claim 2 or 3, wherein the chamber-part (2a) and the ring-part  
25 (2b) are connected with each other via ultrasonic welding.

5. The device according to any of the preceding claims, wherein the ring-part (2b) is has a conical area (2e) surrounding the through opening, alleviating introduction of the spike head (4a).

6. The device according to any of the preceding claims, wherein the ring-part (2b) has a

form (2f), extending through the through opening (1a) of the female part of the tag (1) to contact the chamber-part (2a) of the chamber (2).

7. The device according to any of the preceding claims, wherein the chamber-part (2a) has protrusions (2c) to extend into respective recessions or through openings (1b) formed in the female part of the tag (1).

8. The device according to claim 7, wherein the protrusions (2c) extend through respective openings (1b) in the female part of the tag (1) and into respective recessions (2d) formed in the ring-part (2b) of the chamber (2).

9. The device according to any of the preceding claims, wherein the female part of the ear tag (1) has a recess (1c) arranged around the through opening (1a) and designed to receive the ring-part (2b) of the chamber (2).

10. The device according to any of the preceding claims, wherein the device is marked with a numeric or alphanumeric code in plain writing and/or a barcode and/or a 2D Code or an Electronic Identification Device.

11. Use of a device according to any of the preceding claims for marking an individual.

12. The use according to claim 11, wherein the individual is a non-human animal.

13. The use according to claim 12, wherein the non-human animal is selected from the group comprising sheep, goat, pig, horse, rabbit, mouse, game animal, buffalo, and pets.

14. The use according to claim 11, wherein the individual is a deceased.

15. A method for marking an concurrently taking a sample of an individual comprising the steps of:

providing an individual;

applying the tag to an individual, wherein during the step of punching the spike together with the means for collecting a tissue and closing the container through a tissue, a sample is collected, which is brought into the container, being releasably attached to the chamber (2), such that the spike passes the ring-part (2b) and enters the chamber-part (2a), so  
5 that it may not be withdrawn therefrom and concurrently releasing the container containing a sample.